

IN THE CLAIMS:

Please amend claims as follows:

B2 7. (Once amended) An arrangement for coupling at least one beam of optical tweezers for trapping particles and/or a treatment beam into a microscope beam path in a laser scanning microscope, comprising:

means for changing the position of the beam focus of the optical tweezers and/or of the treatment beam in a freely adjustable manner


wherein movable optics are provided for changing the position of the beam focus of the optical tweezers and of the treatment beam and for in-coupling a scanning laser beam from the laser scanning microscope.

✓ Please delete claim 8.

B3 9. (Once amended) The arrangement according to claim 7, wherein a beam outlet and/or illumination optics of the optical tweezers and of the treatment beam are/is displaceable in the direction of the optical axis.

PLEASE ADD THE FOLLOWING NEW CLAIMS:

13. (New) The arrangement of claim 7 wherein at least one electromechanical variable optical element performs a z-direction compensation of a displacement of an object plane so that an object being observed is fixed in position.

14. (New)  a laser scanning microscope and laser tweezer combination comprising:

a laser scanning module with a pinhole optics and a detector;

at least one laser tweezer module;

a z-direction displaceable objective for performing z-direction compensation and for focusing laser beams from the laser scanning module and for focusing the laser tweezer beams from the laser tweezer module.
